



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year: 2010	Park: Shenandoah NP	Select the type of permit this report addresses: Scientific Study	
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Project Title (maximum 300 characters): Pilot Project for Carnivore Survey Along Appalachian Trail			
Park-assigned Study or Activity #: SHEN-00332	Park-assigned Permit #: SHEN-2009-SCI-0014	Permit Start Date: Jun 17, 2009	Permit Expiration Date: Apr 08, 2011
Scientific Study Starting Date: Mar 09, 2007		Estimated Scientific Study Ending Date: May 30, 2008	
For either a Scientific Study or a Science Education Activity, the status is: Completed		For a Scientific Study that is completed, please check each of the following that applies: <input checked="" type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed	
Activity Type: Research			
Subject/Discipline: Mammals			

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters):

The purpose of this study is to develop a protocol for monitoring predator species along the Appalachian Trail. The pilot study will occur April-November 2008 along the AT in Virginia, West Virginia, and Maryland. The survey will use infra-red trip-cameras to photograph wildlife species at specific points along the trail. It will rely on volunteers to adopt sections of the trail and agree to move cameras from point to point on a monthly basis. The cameras are digital so the pictures will be shared between the volunteers, the organizations, and the scientists.

The goals of the project, are fourfold:

1. To understand the changes in air and water quality and the health of the plants and animals on lands associated with the trail.
2. To more effectively protect that land's natural resources.
3. To foster public appreciation for nature generally and conservation of the Appalachian Trail specifically.
4. To better tell the story of the status of the health of the Appalachian Trail's lands to visitors, trail neighbors in Virginia, West Virginia, and Maryland, and the general public.

Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

no activity during reporting year. we are working on publication for scientific journal.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

No

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):
\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):
\$0

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

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